Aviation evs



Heads Industry Production Group: Victor Emanuel, president of the Antairon Corporation, was named this week as head of the National Aircraft War Production Council at the joint sessions of the East and West Coast Councils in Los Angeles, attended by top executives of the aircraft manufacturing industry. Emanuel, who also become head of the East Coast Council, succeeds? C. Ohismon, of Boesing, as head of the national organization.

United Front on Post-War Problems

Revitalized ACCA expected to get full powers at Los Angeles meeting this week to deal with aviation developments....Page 7

'Constellation' Breaks U. S. Record

Senate Reconversion Hearings Drag

Progress toward policy formation on post-war industrial demobilization appears painfully slow to manufacturers. Page 10

Earnings Lag Behind Business Gain

Incomes uniformly good, with amount of profiteering negligible, examination of aircraft company accounts shows...............Page 46

House Votes Navy 24,230 Planes

New aircraft provided in appropriation for 1945 fiscal year to bring quota to authorized strength of 37,735 "useful" planes. Page 33

P & W's New Plant in Production

Air Strategy's Vital Role in India

Drive for opening of Ledo road and ultimate junction with Burma highway would reopen supply line to China.......Page 19

Post-War No Problem to "Ercoupe"

Company's expansion in subcontracting work not so great as to make plant topheavy for shift to peacetime production. Page 15

Motor-bike built for two



Here's in excellent anoner to the need of sirpsets for highly-mobile facevatignoishing equipment. Manufaction is substituted for the six of the six of the substituted face and head of with Kidde earlier discussed excellent particular sight up to easily face and other blazza and multi-free cut quickly under a blacket of carbon discuss gas. Xidde externishment are a below.

mounted in many ingretions ways to make their fast fire-killing effect fully available to air fields. They're curried on large emergency tracks, two wheeled trailers, icens, even on "constre."

If you have a fire protection problem—in the air or on the ground—the wide experience of Walter Kidde & Company in this field will be helpful in finding the heat solution. Just drop us a line!



THE AVIATION NEWS

Washington Observer

WOUND WORKERS—Navy resonan have been advanced by waxma narral towarken who have decided in leave their job, but ene if the strangent yet has been orderanced by a nazzber of Poul & Whitesy's vost new joint at Saxina vers. All right so but in they were naving should be reachinery at the company's these that, after they arisally went to work. The joint leaf was no large that if rightened them, and the control of the property of the pro-

. . .

1884-C. AT CHEVROLINE—While the Pratide Whitney plant of Exame CHI is a New proper et and will be operated under speanerhap of the Newy, it is asteroiling to safe that the Array has convened interest in the Indiffuse and in the culturate was to when the Dockle-Wass engine culturate was to when the Dockle-Wass engine that Chivroline is tealing up to produce that engue and their Chevralet is in Array plant.

size new "Barrassials," mode by the Tailey Avisities. Ca, preduce of the "Statementhia," the Tailene" and the "Alberene," in said by the Tailene" and the "Alberene," in said by the supervised section of the said section of the off from a correct; deed; "These are strong section, the "Barrassials," in special by day words, but the "Barrassials," in special by day such, but the "Barrassials," in special by day size, the said of the said of the said of the day recently and produced as the barrassial day repeated by the said of the said of the barrassial of the said of the said of the said barrassial of the said of the said of the said to repeat of the latter well to group production. Designs for the place were produced in 13th, the glaces were have delayed for restlin-

ly watching its performance.

breaking fluids of TWA's Locksheel Constributions was assess than an assistance revert. The wade-speeds interest shows in somewhitene cereles in Washington and elevanters in evidence of the difference a civilian assistance enterprise can have as the made of the specification performaances of our military term and plants. Here was targible evidence of the post-way argainess time and the properties of the post-way argainess time of the properties of the post-way argainess time agartinent that the Constribution's flight was the top tope of conversation that day, resigning the of people. It mayors well for the future of the reductive

THE "LODESTAR" TOO—Somewhat overlooked in the general acclum for the "Comitallation"—but fast an important in the whole air transport picture, was the record-dreaking

Reasport picture, was the record-breaking flight of Netheral Airlines' Lockbreal *Lofestari *Todestari *Todest

DEMAND FOR NAVY ORD

though Army codusion requirements are alcounty feedbrain, with various cuthosis green wade publishy, including tasks, there is no corresponding decrease in Novy archance. In fact, the Newy up to a few weeks ago had not even beens a platestor of such production, and probabily week for excepts. Thus well have no computate effect on requisit specialing such plants for Navy contracts.

BOMBER PRODUCESS—Approval by AAF review officers for the assertion by both Beeing and Fard that they are producing a four-regime

COMPARISON OF BOLING



tice's two plants leading in such output. It also substates—despite the plen of government alli-

deeped experience of over 2000 users



in war and peace.

Four today to your fusions Amplical, or TO WESTAL DO: AN A SCHOOL A. Whomas manh Fits 43 of Silvenia Explorating Date and Fits 43 of Silvenia Explorating Date

AVIATION NEWS Atril 24, 1944

THE PROTOS

Publication and Encourier Officer 316 W. ched St., N. Y. 18, N. Y. Edward Phodesorers. 1353 Namenal Press Building

Weshington 4, D. C. Weshington 5, D. C.

Advertises Indes

AVIATION NEWS . April 24, 1945

Washington Observer

cials that the "numbers racket" be inneredthat the reality is still interested as such status.

and Consolidated Vedter's California furtheles read third in four earlier entreet with the same Following in order, are Laricheed Descript of California, North American of Texas, Description of Ohlahoma, Boriar-Wirkite, and Bell of

Empleosition, of course is that Willow Ben was

WILLOW BUN'S PEAK-General arising in the reductive to that Wiffers Ben's regeth bythis year, can confined with mid-consener. At that first this shade about may be exceed to a rate better than 5,880 countried bombers to verse, beyond in the country for heavy abrevelt.

OLIDER PROSPECT-Following the early 1943 starrey, output of transport staters has been runng slowly but steadsly, although War De-

GLIDER INDUSTRY-About ten decembe companies are making delitardes to the Arrey. The New will refer even to consider effders in its secondon. Eurol's Northern Machanas educaheads to allider rates the a substracted sources. Gibner, Nurthwestern, General, G & A. Leister,

SCHOOLS THEN TO PREDERN-WIRE MY-Accumulated Co. and its school subsideary are

PARKS POST-WAR PROGRAM-A leader Beech Algeraft Corp. can produce.

SURPLES MATERIALS SHOW... Becent exsuppose of WPB is versely by those close to the martings as a flow II was valuable to that it total sales have been reade to WPR, but others

AIRCRAFT WORKER DEFERMENTS... Rest. deut officers of Army and Navy at plane manufacturing photo must justify deferment requests to the inter-agency executive busidies. industrial deferments, it was learned lost week-Hersteley, the Average Resources Control Office and News will boudle deforment contters. It will be up to effects of the two services to

Meanwhile delay in settles on industrial ald to covade to their reports in time for a reget for set for Taesday. The committee adjourned without setting a date for another meeting, but with the understanding that it will be held as ster as reports have been consided. county mix when succeed the United Stateswill have the Office of Defense Transportation action in their behalf.

AVIATION NEWS . And M. 1986

Aircraft Industry Unites Forces

To Deal With Post-War Problems Revitalized Astronautical Chamber scheduled to get full newers at Los Angeles meeting this week to meet political and economic developments affecting manufacturers. By SCHOLER BANGS

The United States arrests reet spirat of the United industry, intence and possperity b Rossney Mentioneds, The Chamtives, may appearance the same of effective and well-presented in

Corrector full powers as the dis- planned under the new concrue ment men have been approached offers were made in some instances. No recells of the caust industry's too corporate carey. FUnited Freet Needed-Study

Victor Brownel, head of General Motors, and Under the offer retain plan. Emergel also became

AWPC Election

egration of the Amerali War



THUNDERBOLTS ARRIVE AT ALASKAN BASE Coursed with a protective costing to present our. In a lighter after arrupting at a base in the Alaskan

Above All Else

Beach coffees are disting every affect to heaten the day of Beechcook Bomber Youngers, Beechcraft November Transport

Beechcroft Transisional Transers, Beachcrofts for Photographic Mapping, Beechcook Twin France and South Forces. Personnal Transports-thousands of Berchemin are working for our Armed Forces, and sall there is no levup in or in deliverus of the production line-

Beech Aircraf

Busines in man marine Branchine



MEFLEX.BATT Cight Forward Yangs Smitht to Commenced D179 Bodger

AVIATION NEWS . Aret 26 1044



"Wilder" "Wildrat": The FM-2 version of the Noon's James Juph debter has been store a new capuse and other workfestions. Lighter of the PM-2-a revised counter-

nesting a united free! for its course. Councils was to propose for war Individual screents companies ment's frequently harsh peofit

5,000th Trainer

Doganization Needs-Their growmerchs that the industry faces for-Fairchild Produces

resetures of the East and West

cout Aircraft War Production 23's and PT-28's

Navy's New Wildcat Put Through Paces

Not world's fassest nor most heavily aresed, but "best liebfighter we have," says Ramay. part of the Greenman PAR-item-

enough, is not offered as the fester fighter, the best shipboard fighter It is just described as a "wilder" Wildoot and an excellent alon for More Percer and Speed - Pt is

of climb, shorter telecoff distance Bear Admiral D C. Rarrory AAF con all but 150 PT-19's which were said to APT and

More than 5,000 presery trains months by Farrelett Amerati Dis of climb, high wa level speed and yours, Fairshold Econgs and Agr. great maneuversishing," the adplane Corp. at Hagerriown, No. mirel said. The 5.000th ship, a PT-19, going to 9 In Valuese Production-The ship tion from the Lenden assembly

for bracklesse. The figure also to- L. C. Good, GM varagrantiant chains a number of PT-23's and and properly manager of Eastern. b Subsections - Perchild-de- told by the Scitch that the West showed PY-22's and PT-19's also cuts--2.500 of which have been were rendered by Accenca. How- professed at Linden-task nact or and First Asseradt, Ltd., in Cap- providing cover and copert and ada, produced a number of PT- sirefing ship and above naturally

Berle Expected to Release Details Of Anglo-U.S. Post-War Air Talks State Dept. believed desigous of allaying doubts expressed in London and Washington about viccos of discussions.

problems are being subjected to intensive study. Own has named

ground" press conferences for the > Multilateral Agreements - Off. per pere.

h Informality of Yalley Streeted

He exchanged the "referred character of the London talks sand Bestisa Delegation Awaited-la rivol of the Burnson delegation

nautica Board Charmon L. Welch Their evelosey here has not made their names public pending their

The Chinese Embassy and the question of biloteral talks with

Apprils

January and Chapter of Common bearing the Secretary of Secretary modifies, Al-Size below excluse exhibit photology in the property of the pr And Shortest Indian methy Methy Action and menderated manning than Appelled in the Original States of the Control of the der de - O.K. Phillippe | All: Chrys Merides



LOCKHEED'S MOVING BUT ASSEMBLY LINE

Termination-Disposal-Financing rectly on the path to China. That subherites point out that Russia Hearings Drag Along in Senate

Progress soward policy formation on post-war industrial demobilization appears painfully slow to plane manufacturers with ove to proceeding future of husiness.

resentatives of American Export to get an opportunity to explain tween telecommunications and

Will the May bell, new awaiting a rule in the House, he held there-What action will new he taken Leadership obviously rested were continuing on all phases of demobilization, but to those accesses to see some posstree ac-

Elecuture in Washinston there Witness Sees Hig Job Aboudextensible executives—trany of

Nelson Sees No Early Change-Addressing the group which met ay the WPS Automobile Industry.

"Not a startle one of us known Mr Nelson said. "It depends entirely upon military events. How-



FEXPARY Airlines Hearing-The

Certain availan interests have

foreign operations. He sim will

reciprocal rights, by furnishing

COAST GUARD HELICOPTER "RESCUE" AT SEAS or a rescue pelicele. Photos show a Chast Guard salot, from which a litter is easily accessible. Barring mode in a simulated resear, havering over a life raft, then - its pickup from the sec, the believoter rises verticalcolled attention of the automobile be done. "We're not takene our to come, was in the auto induswe can move up quickly on this Policy, which Mr Nelson estabreconversion matters, got upder

and no action. The press gave considerable space to a plan ad-

Declarate that government A Blobble Protifers Toutifeing her-

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New photo shows part of the Finol Assembly Division of dellardised

ACCA Urges Quick Reconversion Cash

Over-extended financial pentions breught about by tremen-Warren, the Heune Naval Affairs Previous of the George-Mar-

MOSOUITO PRODUCTION LINE:

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* Uniform Process Unged - The

ode to streaming the wholesale Auto Plants Effect Cut in Plane Costs

Frienc Cost Cas \$100,000-The ers now sell for \$137,990, corsmoved with \$226,066 two years are er sell at morthly anymax of \$535 -elses for Septer craft have is able to buy 20 arts of precision

New Airworthiness Regulations Urged

Action to shance the present that there must be a clear cut da-

New Officers

3 Karern Division J II Endorwenent of the so-called category system for most airplance 1 C Peterson, Accommissed

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Draft to Cost Coast

I Categories-For excerpic, the air

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Herbert Kuesk, of Berch, hands cont now working are women,

Army Tightens Rule On Post-War Planes Francis on rublishy short Con-

vair's Model 39 and Douglas DC-7 in desircting from war of-

b Sentrations Vichtened Withon tightened on the West Coast

Maraje Factor-Western Army bends, namible reflecting Wash-

Scene officials on the West Coast. cord out that one them overlasked is the consideration that thousands of severaft workers. building warplanes - and their

The workers have visible, tonwhile contrange in presupposes, sangaures and rathe breadensts dears when the war is won and WoodrumWar Policy could not be flown again provided. Group Starts Work Secretary Stamon scheduled to

Mark of the wind Woodcom.

rum, and Representatives May

of 28 members to investurate the Will Study Aviation's Role-Tim committee is not a legislation-

\$50,000,000 Planes

Salvaged by RCAF Aircraft walnut at \$55,565,000

Different Total 208 alrestaft sales and Of the total, \$29 were remarked molecing a Player Portreys, salyaged for the USAAF, were downBrewster Union Shop Provision Continued NWIB more order effective Johnsville, Pa., plent, summary By MARY PAULINE PERRY

parts an engan stand capable of handling a 2,646-bp. powerplant built to cart parts around the do-

Model 30 Makes First Test Flight

passerger post-war autpur has

tract, National War Lobor Board has ordered. The urion called a strike in August, 1963, and the Consolidated Valter's new 40-

The arbitrator under the callesmended the present decision production records at Brewster In addition NWLB assessed a took all and circled San Dayle for

A uses shop provision in a con-

FEDERAL DIGEST



NWA FLIGHT CONTROL CLASS GRADUATES These officers made up the first class trained in flight control propertures

program, followed by a fertilipropetion true open the NWA years, and office, Land Linerence G Peinter, amound to New York, Westell ness transcen for NWA; Lorest Enghand E Kook, assessed to Scattle Louis Louis L. Gerdner, amoned to Mennatu. Reminally confusion Fiscap Salvared-Averall which

h Wer Production Roard and postered that production of both craft amounted to \$6,001,000 In February, 1944, amont \$4,555,000 us Pehruary, 1961 Members of Electric Motor Industry Advisors

The Advanta Lindson Reviewed Industry 500 500 nounds startess. "We see

slowly, decrying a production that at 350 mgh for a cost of \$200 the read balloted the instrument cohen-

U. S. Rubber Fabric Saves Plane Metal Advance product used in besting

Davey Joins Bell William Dayer, formerly peneral Davey, who succeeds Don Bowe.

b Non-Magnetic Qualities - Per-1807 to 1909 be was factory manover for the Breland Arroraft Co. maker of amphibutes olines at then returned to Curtum at But- such that should this multitley be

COMMAND MACO

Knollys Sees U. S. Dominating Market product makes possible the light-

ket," in the view of Viscount Knol- systems by at least 10 percent New Line Held Used

To Circumvent TCA Investment firm heed any Canad-Domestion policy.

Air Transport Ltd., expansied

Stock Offering Planned-Jahra offering of the stock in the post-Earlish participants in the ven-

b Pleasular - Ball read Cleans Muntreal to Alberty and New York It also has kerelled a trans-

Searth. Barney have burdled Engiern Assisses financing, have

it can be easily and speedily re- pated in TWA financing

PRIVATE FLYING

Post-War Business No Problem To Builders of Ercoupe Planes

Company's expansion in subcontracting work not so great as to make plant topheavy for shift into peacetime production;

Engineering and Besearch Corp. thunsalically received, but the stretages and its other prowar

Miner Charges-The trunclate with very minor changer, Under consideration for addition to the there is a definite place for a fourbuild it. This model might posably carry two fist-opposed en-Post-Way Position Good-The

war troubles that arresult pre-

micred, and that about 40,000 a changed very little in verylage its Desem Regun 12 Years Are-The

are on the market in volume. Exproved safety features, weather

negada errorry: 1,586 cross: corner

Development Section in the Buress of Air Commerce is 1994, he

200 feet; rate of church, 800 feet

continued because of radiatry For Private Flyers The week Assessor Breez civil foreg with an emphasis

leading lightplans plants by Blanca Sychible field, which

Mr Bubblefeld, a pomeer



W-I about twelve years ago





Fratures-Outstanding features control due to stelling and mon-Firevels landing gear with casterms mass wheel, steerable if she column, and afterous actuated by F Longitudinal and lateral stability with defeately Essited upward elevator travel to prevent less of

Two-control operation with the There are no radder nedata The company does not believe a machine can be developed to serve satisfactorsly as both airplane and automobile. Detachable they believe that an simplane whose wings will falt and which hangur is feasible and they ev-

New England Port Operators Organize

Formation of the New England Promanent George-Gardde mid the association is designed as a

made up of reca closust to pritorach with all motters important

Illinois U. Builds Laboratory-Airport

Designed on a Johnstory and 800-sere arrort with runways to

Donn for Military Uncall it onthree 5,300, fact payed parseyrs administration building horses.

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Helldivers long range, hard hitting fists of the fleet



ELECTRIC PROPELLERS

brought to its highest poor of effectiveness", the blook massive. Yorder Weight Verbrocken, Perheller Sciences



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treefing, walking and plates the highest quality for peoplethe quadries and resistance to shale ter. This is due not only to the special Breeze process of liquid carburisation, but she to Breeze-Armer Plate Stuff. the well-known Broun line of an-



THE AIR WAR

Air Strategy Plays Vital Role As India-Burma Fighting Resumes

Drive for opening of Ledo Road and ultimate junction with Burna highway would reopen supply line for Chinese and

taction of Wingste's Bauders, Coch-

With Imphal corrected and

Kahima partly cut off by three meeths ago two Chinese dyrappes the middle of May it will take a first rate effort to distofue him. Airborne freedom-If the encouand leanthed an offensive to pays Boad toopen a supply line for the

some time. The stakes on both

1947) Jan arrapred forces, sided

and our leagur range plans may be b Air Support-On the other hand

14 ccc ccc people of regulars. chiefly food, water and aggregalarge numbers of dead troops, rathway cut in two places by the sunders. Ourkhas corney down from Yuman to the sust, it spand Indow, and against besses on

ORGANIZATION FOR THE BURMA CAMPAIGN



AVIATION NEWS . Are't D. 1944



BOOSTS TAKE-OFF



BOOSTS CLIMB



BOOSTS CEILING



BOOSTS LOAD

WHAT IS "FLYING HORSEPOWER"?



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\$90,000,000 investment in new refining facilities...the great-

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Mobilgas for Aircraft Use!

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J"FLYING

HORSEPOWER"

is ultimately out off, much of the stantificant inches operations of the critice war-the amberne handung of British and Indian troops ning. Two of the Army's crack his deouty commander Local, Col

and tack struggle to cut supply

Axis Has Gasoline

Merther Germany per James is undergoing a shortage rolling octably that ward fuel of 100 octors or blakes Although flight transport in

There is, however, a definite shartage of digard red number of motor exacting for addition, the bas about a year and a half's supply of habri-



This Consolidated N-24 Liberator, on fight loner at Patterson Fuld, u

AAF School Trains Aviation Engineers

at Wright Fight, which will provide

The purpose is to direct properly qualified efficers, preferably will combat experience unto a Deld which will employ their qualificah Vennet Officers Vennet At Oc. strag for permanent correspond to prove the professional qualifications of officers with engineering

The AAF feels that the impor- mail.

tence of their engineering school cannot be over-respherized, since

Canada Adds Planes For Troop Airmail

More arcraft to bandle troop Mediterranean have been pressurd. The improved service will

and oftener at mail asserter redays after posting Daying the eight

RIGHT ON THE TARGET



The Messacrous Hoserway, Electroic Assorbs set sale invoces the securery of precious bombing, but If also shortess the bombing may so that palets can go into Minneapolis Honeywell was the fast to apply electronic

Autopilios, however, is only see of a number of M-H elecmone controls and devices as delly use on fighting planes in

Mingrapolis-Honovard Topalstor Company, Arronastical Division, 2947 Fourth Asy S., Minnespella B. Managero

Burches and distributing offices in all principal errors

PLECTRONIC CONTROL SYSTEMS for the ALBOHAUTICAL INCOSTRO





Why the Score was 93 to 6

The expert on that recent amendase air burtle. rehards—who are now fighting on every when 93 Japaness plones in the South Pacific fannt Samuelan word experience mainless ware destroyed in the sir with a lost of only commercial pilous and four yours entiring 6 American alexasts has been confirmed and cellbury from his probled the Ryan School made official. of Accompaties to play an important part in giving America the bester trained pilots, The analysis of millioury experts gave much

could to the superior free power and arms. whose constanter is arrested by concending sect of the Accessors planes. But they all riders were bester because shor were Active round. Ye this they was most of the credit Even manufacturing and training organizathose are the thousands of combat relatecosined in Rean News and by the Ryan

combat records and bundents of decorations The years Blaco engledne has been board on thereselver and everyon. Now emirch decreed to craining military mores. Beam Schools in reserving will everines to be dedicated to the same blob translands. Acres. Herest, Cold's Tarson, Aris.

Raly on Ryan to Build Wall







PERSONNEL.

Cot Joseph Bragonia Pean, recently returned from active data as the

Corner of Charlette, N. C., and Hagh A Doubleyter and Co., public re-

Cell Boy W. Leggest, who has been orthog elect of stuff to Mac Con. John.

Descy B. Keekes has been appointed Cot Prederick El Great, Jr., has been appointed budget and faced officer bility for all engineering test work, such days the fight lost section and words hold the pention of third re-



author of several books Admiral

search sugmest with the Elict Co., Sheater A World



WILSON PRAISES CORSAIR FIGHTERS

B. D. Telsoferro, factory manager of the Chance Yought Aircraft plant, Stratford, Coxn., left, and Baz B Basel, general manager, right, tenr Hazarda, vice-president in charge of

sales, W. K. Afkanna, treasurer; and St. E. Compan. apprehate All leaf. Saltery being built for the U. S. Nesy. AVIATION NEWS . April 24, 1944



the plent with WPB Executive Vice-Charmon Charles E. Wilson, Wilson proposed the "on schedule" production of the Vought FfU-1 Corner

EXTRA HELP



for Design Change Problems...

heron with year plane production curve. Heynolds an hip year by prings sollsforal presences, mappener and engineers age shift at your depoint. When you nee trying to assemble previous designs and are new models and production until antenessity. Reputable pre-fabricated plane parts will mencelly you operations and enable you to switch to improved models without less tiess. Bernalds offer two twos of since parts

assistantiable. Pre-internated parts are ready for the assembled jians when eccented by the plane hasher... enrefully est and formed to the closest tolerances. Seen desired parts are reasted by the required contern in the Reynolds plants..., ready for further forming or other fundaments operations. Accounted controlled mode in the order

of the day ... and gas februard plans puts are helping speed plans profession by christating thousands of externate variety may beaut. When pro-februard parts to use for the sharmann standy but livery the plans is shaped ... the BGS comp loss is held at the Beyorksh plans, is to econverted bank toto new model in a soster of days united of months.

Your inquiries on any phose of this camplete Reynolds service are incited. Reynolds Mesols Company, Alaminum and Parts Div., 1 and 200 Key.



Our at the sour provide hydrothe peace at the keywide partiplace Engagemen is available to partition productly any tipe or also at dissection part.





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sand lawers are available, with an option



Its resultation for the advantages in Each couching sood, assembly how, or offers you, increased output, employee ewe problem of discussing the weeking seen. With a slight truth, so em-The object of localized (Baselinettee 1) ployes Shot the Ducc Lamp to nor push, self or turn it-the light step Lamp provides high Instancey fightrap, where it is placed. No screws to tighten! A single spring force setting through an

Dazer Manufacturing Co.

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FLUORESCENT and INCANDESCENT

elicity, we style you to conseque

Ducte Phaling Lawse care. They are

AVIATION NEWS . April 26, 1866

Jess Novers Birook, formerly bend

Brank president, Associa Correa, vice-president, C G Adama Secu-

Laur. (up N. M. Grady has respected

Unusuay has rant four officers to

Robert E. Green, promident of Lookgraft Producer Heart J. Kolear of

T. Vergees, vice-promient of The Are Equipment Corp., Circu

J. P. Johann, vice-president, in in charge of the Cloveland plant and

County L. H. Hunte, USIN, was de-

William S. Sirver has been normed



FORMER UAL PILOTS.



placed Burya as service rangement

Robert G. Hullett has been named ap-

V. A. Johanne has been marced factory

Named Commodore Cont. George A. Sests, Naval. rendare, while serving on Chief

TELLING THE WORLD Richard C Walker, manager o

h Fred Edcor has resigned as sums

AIRCRAFT PRODUCTION

New P & W Plant at Kansas City In Production on 2.100 Hp. Motors United Aircraft Division expected to reach top rated horse-

power output of 3,000,000 per month in about a year. BY SCOTT HERSHEY

Tup category in importance has manufactured in the Kansas City been given by the military to the plant. The rest come from subconoutput of Ponts & Whitney's new tractors such as Easen Manadonengine plant at Kinnas City, which turing Co., which supplies crank new R-1809-C engine officially \$45 Percent Women-About 45 tools was designed specifically for people in Pratt & Whitney's downthe output of this engine, has a town school are women. While expectly of 3,000,000 kg. s month, some supervisory personnel has which officials expect to reach in been sent from East Hartfard, the about a year. At present, the company has drawn largely on the

about how about holf of the 29,000. Kassan City region for operations men and women who ultimately heads The key role which this pinet Mahor Problem - Manpower at in destroyd to play prempted Rear the furthly, as observiors in the Admiral DeWrit C. Romery, chief accords industry, is a major prob- of the Navy's Beross of Accordtics, and Sris. Gen. Edwin S. Per- vis wholly-sword subsidiary, Pratt. that about 160 persons a day must ris, deputy chief of my staff to & Wintery Account Corp of Mis-

Of the 1,600 parts which go into other newsron last week. the R-8000-C, more than 600 are | No. 1 Priority-The Navy has rell at the Kannas City plans, "we

is being operated under sponsorship of the Nany. This is part of

or the 8-2600-C entines. Nun-Profit Setup-II. Marudald Horner, prendent of Pratt & Whatobtained a Navy contract for overetion of the plant without groft for the corporation-not to set as agent for the Navy in

operating the plant without resurregation to United Average or AVIATION NEWS representative and Horney noted however, that, while production is beautiful to



NEW PRATT & WHITNEY KANSAS CITY PLANT: This new facility, specifically derigned for production—the hardons is approximately 80 acres, of which some into of \$63 acres outside Kosses City. Floor space in . and the assessity together coverein about 30 acres.



Increased electrical equipment demands dependable Aerolectrics

Light washt (900 pounds), whoshpeless, departed to correct approfessions administration LAWRANCE ASSOCIACIONES have nower outsets research from 5 to 12 KW and most ever-increasing electrical power demands The serretity of this reconst consention environess abound today's gircraft is proof of its possible application to many different stes.



AVIATION NEWS . April 56, 1966



LIBERATOR MINUS CAMOUFLAGE A late madel B-24 Liberator bomber, one of the first of this current type to leave Consolulated Valtee's plant at Fort Worth, is wisses its near panel. In the background, ready to more from the assembly building,

Bendix Develops New Plane Starter Mayound desice enode more h Modding Managary Inflications h Powers New Shipper-The year to

us a British modified B-24, payeted where

Nazi Prop 'Gadgety' mance with this new Double Wospengine. Others so new that I em The Gorman VDM stretting idealifying symbols also will be powered by your engine," In this shows per cares plane, which has Wagt, Lockheed Overseas been pirrared and described by AMAZINE NEWS, and Republis's P-

Service requirements, be

added were not defined and

Admiral Barasey observed that picked up an simplane production schedule he found more strplanes 400 revolutions per minute and de-

Haw It Warks - 'In order to guara in a electowise direction. When an 5,000 rum, speed is at-

clockwise direction, builds up the speed of the fly-wheel to 58,000 The motor is instantingensly re-

B-29 Engines Built At Big Dodge Plant Disclosure that enumes for line-

cially associated with the B-20 122.000 Employees-Large manbers of 2,300 hp. Wright engines velume. Erreltownest has passed

the 23,000 mark, or about 60 percent of the 1944 quots, and com-Under present production rates,

Ideas Save \$332,000 \$335,000 vs downt and witted any. and ustry Belobers Committee House Votes Appropriation For 24,230 More Navy Planes New aircraft provided in 1965 fiscal budger to bring guera to authorized strength of 37,735 "purful" planes.

Appropriations for 24,230 size formance required to convenient the They would bring the Navy construction of planes. This is

92,000,990,990, plus \$1,991,000,000 between July, 1969, and Decembring the "mortel" planes with year. \$ Some 26,800 mars) avoiders well.

hearings. The FoF this year is costing \$135,764, compared with the new budget this cost is down

veoled in the maget testimony B-17 Oupur Soars that the Nove's cost, including B-17 Oupur Soars durlaced in the testimony before

at Beerry's Scattle plant was at each working day during Murch,

number of Lockheed transport Becomming offices are reportag-Fifty million dellers is provided.

for the additional activity Five handred thousand dollars in Philadelphia and various pri-Preside Japanese planes were re-* Training Cost-The most widely valued at \$2,500,000 in one read at

HAVOC GRADUATES TO FIGHTER-BOMBER CLASS.

How Many **BATHS**

DOES A FLYING FORTRESS GET BEFORE IT CAN FLY?



Cleaning before pointing . Right women new do the jett 27 toner june than



tions before it is not or chazed. And from then on every time 2 is formed, treated, joined or casted a new cleavery execution is called for Welders, anothers, plotter, pointing ... of any hest done on clean surfaces. Wherever process futing or reliable adhesion is to be obtained, the

starfaces, involved must be clean-physically and thenically elem-This new blok standard of elegations in succesfactoring finds a helpful produces in Kelife Products, Incorporated, the largest manufacturer of specialized processing and cleaning materials for the Avistice Industry.

Through the application of all control to much So precessing and cleaning operations, Kelite has developed new materials which meet the feegraped receivments of American Aviation with scientific dependability . . , and anye time down in! The Kelitz Service Exemper in your territory can tell you about improved methods and mater-Into which resilty help wherever there's chamical densing or processing to be dane.

INDUSTRIAL CHEMICAL PROCESSES AND MATERIALS







Monthswing Plans in Lie Angelo, Chings, Prof. Andrey, Rosses ARANGHES IN PRINCIPAL CITIES

Marrin Builds New Flying Boat Base

Bultimore facility, to be opened

packing, testing, operations and

b Pariffices....Physical tachties at well have a 200-frot clear extrapor for elicht PRM or three JRM days.

ore and delivery of the PRM-1

Prop Advances Aiter Battle Equipment

propellers for indicated jobs may d, inventoried by company and recent drawloguents, particularly Navy representatives and turned Vulnerability-(), was argued

that a bullet-nierned hydraule operators redefinitely unless a It used to be all Curton Electrics



the PRM prior to company fluids

F Turned Over to Navy-On com-

Convair Unit Turns

Out 2.000 Liberators

Constituted Valueta Rest Worth

year figure hard famility marries completion at the other wall had taken completed for our of PRW Mar-Glenn L. Merrin plant Saltimore abrasius between over and JEM Mary States beats

TRANSPORT

Constellation's Flight Gives Preview of Peacetime Service

Record transcontinental hop gives public idea of how outmoded present aircraft will be by time war is over

By MERLIN MICKEL

Haralded stage last October lagten dramatered for the public record attempt finally was made is over and the demestic airfines without public netice of its unmoreo. Although the laurued departure at Burback prevented required for a full-dress record attempt, Larry Therkulson, vetunder seven hours suffered to show tional Accussable Association, was called from sleep to flar the take-The step was in the sir at * Record Flighter/The States hard keepers stapped their chronom-

boson of rejectes and \$1 seconds # Unefficial-- The speed record extablished for the appropriately 2,600 miles traveled remains unofficial, however, largely at the Arren's behand, Degrines com-25 minutes, the time required (or a successify designed above to the Createllatury speed averaged Dregias Affected-Among them obove 340 reph. In 1905, in the may have been Douglas engi-

izatem: With broken sourciton and survey thurstand



count flight. Frue to premdent of Texascontinental & Western Ace interest in TWA

takeoff was at 15,000 feet. Then and allrinde varied from then on between that and 17,500 feet encountered and the rate was kTWA Shapow-Last work's flight went TWA show all the way Co Husben Tool Co , which holds the and Free landed it. In addition



landing that ended a record true from the West Court AVIATION NEWS . April 24, 1944

Speed Tests Officials of National Acro-

toon persons were about. Butcorners to teday's sifteen, the

faring in still at the Lorichard airings by next year, TWA's

Free intimated that TWA would Free disclosed that TWA is be used. He thinks these planes

Cornel Dwarfed by TWA's Big Trumport: A respective of the bulk of

Parallel Competition Factor in Rate Case playing for service to Joplin.

was allowed to make the crosssa, Okla Perallel Corpetition-Mid-Con-

> FThrough Service-TWA's proresidents of the three crises affect-

courts, which could not be per-

FOther Lines Represented-Bran-

Engager Lewrence J. Kesters has set May 5 as the date for filling M'Carran Companion

Bill Introduced

a stranded in the House Bules King to a member of the Mer-

ATC Reorganizes Washington Unit Into Separate Army Air Base

Development brungs sorely needed facility to national airport. which has grown into one of the country's most important inrecreational air symmals.

Representation of the Air Trans- hangur, for from the armost fee-Westpraction National Airport into Bestricted Por secrety reasons.

The unit will consist of a terms—curried in and out of the excitab nel building, hungar, post office by ATC have employed and deand storage building, and 55,800-Plant now are that May Gen Facility Needed -The developgeneral of the AVC, and other high ternational terranals. The ATC's rate the terranal, Cal. Frank H. Airport hundles more business then is senseably realized. It is no Presenger Terminal - Columb and depart many times a day for quency of those mavements may serve and active officer. He went

rig is booked upon as an answer to East Wing of the ATC in Marone of the ATC's most servers 1942. He photoned and executed space problems to Westwarten surport, formerly tied in with an officer with the British, French. and is herdquartered in on end native affairs. When the Prouders



ATC Erecting Hangar at National Airport; Congruention man of Assour reced as part of a new terrescal user Twelve of these trustes will be used. The humoer is said to be the first of the fage and one crected in

Compact Hangars Air Transport Command

Airport can be packed so Corrose by the mean would be problemite, how-

vented Laberra, the colonel ac-The building riself will be essenthe necessary adjuncts for cleartion, etc. 31 will be of modified Chief of Staff of the Africa-Middle manufaction and sirperi officials

> Hangar Work Speeded-Work on have been erected on ATC's fac-

The terminal building will be there will be a lounge with obser-

our fact fires reaches its destination pestected by names. And the paper you wants in an ornate. unnecessarily large advertising broadside is just this drive. You'll be a soldier in a mighty army of what the Navy and the Army need to do their job. paper conservers.

That's why Uncle Sum asks you to watch every commany project in terms of USING LESS PAPER. Whether life a direct small piece or a letter or a paper-board container-think of it as a challenge to you and to your colleagues. Yes, a challenge to you to see how you can carry on your business and

of decesteringtons apparatus comities 273 openes feet

All kinds of paper are used by the Army, from repr-

table numbered. 6015 inches thick, to beary more

VOU BET IT CAN. For the ammunition which

Use Loss Poper Recessor Use Less Paper These Ways

A WASTEFUL BROADSIDE from your company

CAN CRIMP A NAVY BROADSIDE

Against the Japs

printer, in consultation, can point the way to pre-Each woman part wast be wrapped in greate-proof name and in naturalist owner. A study shipping case

start them yourself and new?

Make scratch pade free; stocks of absolute lemetheads, how king you expect a record to enduce and he can

organized Paper Conservation Committees, why not the another true class and marries: (Any companies

at the same time out down and out down and out

Remember the whole country is being sellisted in

And recomber, right now, there's no home-front

conservation ich any mere urrent er important flam

If your company or your community has not yet

the conservation of paper and paper hourd.

down on your company's use of paper.

Electrical top and/or bottom pade in every practical

The electronic proceed make the majors of the Wor Marriana Council

LET'S ALL USE LESS PAPER

Source for this adjustmental modulated by AMATICA MINES.

AVIATION NEWS . April N. 1944

a 24-hour culctoria, and all ac-\$50-Feet Clearance-The bangar

AA Re-Flects Board Stockholders of American Air-

Officials continued in their pres-Monor, Rolph S Denser, Thomas

MOULDED AND PARTICAYED





Commoding Officers Col. Frank Air Bore, was arrown the fret

ATA Head Reports 40% Traffic Gain

ports Cal Edges S Gerrell, Au

from 221,572,751 in the first quarpound-railes from 15,056,722,067 to \$2.500,000,000; mail pounds press pound-reales from 6,086,086 .pounds from 12,882,671 to 12,000,-

1395 Blackfeld S. H. Attanta Ga 7. Sdward Headle, Jose, V.Pro-

AAA Recommended For Athens Ohio Stop

Ohio, as an intermediate point between Pomercy, Ohio, and Parkscoburg, W. Va., on AM 49, CAB

Post Office Department to CAB PUD 325 Percent - Harry 1 rieseed a 225 percent increase in surmed business. This successes

point in 1941, but the request was

43 percent. Mari and express ter of 1941 to 465,500,000 in the frat three meeths of 1984; manf. from \$2.618,963 to 26,000,000; exFormulation of Surplus Plane Distribution Policy Believed Near

W. Marray, choef of the Avistico

Pogue speech at Las Vegas interpreted, along with other factoes, as indicating early U.S. action to relieve off-loading of to Surplus Property Administrator mail and passengers as war measure.

By WILLIAM G. KEY

decated by a number of factors, not A Between of 188 Phones Askedon't. backed of millions of sinces of on the SPS, charman, Stokeley

varyles stocks of the services. h Machinery Storted-Macy of the

streamed, some one in other coun-

determined. That accepts to be procedure required to lift the

Mast This Week-Auritre execucommittee are L Walch Pages.

then 18 degrees. Plans by the Triesdad Mouring and Planning Commun-150 taxe. Mark problem is said to be the entit suprouch, where 600-1001 plane have to hundle creft larger than the Martin Mary will often the



Top Men in RCAF Air Trepowert Command: Top officers of the Bonal aution. Whole autimes remerally, that factor errors the nicture hos-

ands Eighty narroad one he

added to the DC-2 payload, for Port Development additional revestment could be Body of ATA Meets P. Tex. Burden-Present tox laws

The executitee will make a

b Loose Agreement Studied-There is general agreement in the air permuting use of the surplus trans. > Officers-Chairman of the armon planes and at the same term nerfor Eastern Agr Lines John Govern of ATA is committee sec-

vanis-Oceles) Airlines Strhard M Hober of TWA is chairman of a green studying location and named out that while new denims. Easil K. Hervey of Agrerian Exwill force refrement of describe out in charges of a minosentforciers operators will not have and renyear constructant

RCAF Releases Data On Transport Unit Service openses from Canadian

• Gualifications - The service in

Ground Crew Jobs A N. Kerry, president of or priors, accustomed to mund

Arrenger, he said, is era-

under the occurant of 57-west-Lethbridge, Alta. In charge of passenger transport is Wing Com-

UAL Head Resigns From ATA Board

Petterson, director since 1936,

h ATA Board Meets-The orders

slope " AVA's board of directors is to

post-war international sylution

Airwel. Stehr Myant, N. C. The Pass and San Aptores via Mellayd-

PER American Airmags announces Governor Deway of New York has

sight actions serving that git; United, TWA, American, Eastern.

Two delly mend trips have been

The sice of a \$700 light place

tests . citeraes, fine, confidence and alcohol seeferm a absent made



. . . one reason why many aircraft makers turn to Mercury for vital parts is our ability to maintain required delivery schedules . . . superior craftsman-

ship and the know how which comes from long experience enables us to get production through on time.



Consolidated Files For 64 Routes

Organization of 14 food but corrects asks that own hedvidual apolications for permits be subordinated to green action. Latest strategy of a group of nauten Board last week by Con-

aplidated Arrieres, live., of Kanprevious applications shall be sub-

b Course 64 Rentes-Officers of the A. One, premieral: Wiffred 10 Bowsen, vice-possessi; Charles W. Hiraly, vice-president; F. C. Anderson, treasurer, and W Haloy

and/or temporary certification to

or to interfere with established

This may be an effect on the



HOME-MADE SCAFFOLD:

The following are directors of the new corporation, with the W. Warden, E. W. Wingles Acresses witness M. Post, Sr. Letter About Co., Springfield and Kennes Crty, Mac-Canadan, Ark., Fort Worth: Dodne

City, Have, and Michettan, Kann . represented at the reselvar of the Des Monnes and Siters City, Iowa. Preder Arriage Assertation head on and Larance. Wee. From these Wathinston early this mostly

The application save Consolidated Airlanes has been initially worth of the constituent members companies have filed unce that date, the corporation application

is in excess of \$2,990.09011

Applications Reflect

Alaska Mail Needs Pre-baseing conference beld on

two requests for service between Anchorage and Kodisk. Airmail regularments of a ran-

The Post Office Department filed Office asserted that the volume even after special military re-

Applications—The series of planetions followed the depart-Alsaka Airimes is currently provoling the nirrough service between Fairbooks, Archorage and Kodink Juneau, Whitehorns and Fairhanky 2 Permanural Service - The new

to Mail from the states new

Applications Filed For 3 Ocean Routes

Ryan School saks two airlines to African pecnais Three ambilious overseas an

Aeronautics Board, two by the Ry-

Vin Hensista-The coute would

into two organisms. The averbary show, Assey and Castee, China Tomber, Nanking, Horskow and

A Rouge to Manage-Thorn conduct San Deepo and Havern, Cubo, von

t-Purnited Sen Line Asked....The

July 17 Testable bearing that for the Pain-basis hadoways Endish and one (En-anders Lawrence & Roders)

hock and/or Walver Bay, South West Africa a distance of 9000 A new printed objice of CAR's manual to believe from a distance of the control of

ism and Natal Brazil, Ascension

nessengers, property and mail is Westernative A. Francisco and the characteristic of the second days need that the production of the second days need that the second days are second days as the second second days are the second second days are the second second days are the second days and the second days are the seco

· Whether strains of Arrogans de Main

international airport at Jahannes-Mellespier Test Service -- At 12

CAR SCHEDULE April 21 Producting embrance on prairies, from control to not produce to the World

to I for a read of I i down All Allows about he done in conferences with the Pin Attropreys Shellbacker And ther I make the little poor of specification for the property of the latter of the poor of May & Deading for filling represents to \$1 and an extract the property of the identity of the contract to the identity of the contract to the

Scoring Agents Property offer an expe-SETTICE ENGINEERS May 15. Treducing outcome inviting

TOOL AND BACK BESIGNESS croppy by an harvery please will and Enter Employment Develop the Contro-tion Employees Comments of Control

NAMATON STANDARD PROPELLERS East Hartfard, Councilled All billion abed for these in producement with the War Attractory Statistics and

HELP WANTED AMPORT TRAFFIC CONTROLLER

CAB ACTION

RENTSCHEER FIELD Many hold C A A corellards and here syltaness prominent to specify a He course for or interver, please or were near months and notes

Aspert Department or phone & of 11 PRATE & WHITHEY AIRCRAFT

HELP WANTED

FINANCIAL

Aircraft Company Earnings Lag Far Behind Business Increase

Incomes uniformly could with amount of profesering profitie-

With reports of the major air- of these facilities was accurred in made that, while comings have

with \$110,271,000 for 1943 Wash renemblation woods for 1943 and Profit buttore taxes in 1843 was

\$11.312.000 as newpot \$14.253.000 varlent immediately prior to the most of Bell's Militars were of the Net impose, per commun share, tracts. Another way of viewing the Be'l remits is that it took \$900 of added sales last year to dustry as a whole, has steadily

1943 net income was first reported st \$4,203,563 or \$11.76 per share and revisced to \$2,5(1,56) or about \$6 14 per share ref's books at \$9,165,495 as of Dec. Final Settlement-Bell believes

22, 1942. A substantial percentage this administract will might the re- nue for 1942 of \$2,000,000

enropes for 1343 were \$3,062,000

few aircraft builders to report a net racorne. Net mlex for 1943

chara for 1942 and finding that during that year!' Martin adds These reserves, different on table

current year. The fact comover

Financial Reports

t Chicago and Southern Air Lines. taxes of \$135,855, a decrease in net poult from 1942 of \$149,464. me revenue for 1942 was \$2.774. 341, compared with similar year. Noorduyn '43 Report Reflects Tax Strain Canadian firm's cornings shrink under war levies, your as in U.S.

L. Bover, president, sold "the

Fincome Declines-Noordays/s net Profits Tax, show a declare to \$38,119 or 21 cents a shace frees. cofine over Tochofine the re-Province for moress and ex-

\$122,000, as compared with \$547,teen of \$55,000 last year. Working

reserve of \$1.008.433.50 to not up.

1963, was \$1,762,71950, on m- in Liberty's treasury. This leaves cluding Army and Navy planes

month in the preceding period

company's own deagn, continued year. Total accordit produced an 1969 was 1.225 an increase of more than 166 percent carr 1967

now been stabilized at approxi-

National Declares Stock Dividend

and seneral menager of Gibbs Gas Engine Co. of Jacksonsellle, and

Liberty Reacquires

crease of 40 percent over the same 143,552 shares held by 1,100 per- and captured enemy assertable

on. Paul Scott of Museu and Wil-

Dallas Exposition Stock from Grumman To Be Annual Event

Aero Supply Mfg. Co. Salaries Reported

Frank N. Arnes, prevident and

Co. Inc. received \$35,500 for 1941 Barn J Irvine, vice-president b Council Gets \$34,599 Fordinand

provision for income and excess hyntages and setting audo \$1,040,-000 for renegotiation fund and STT,050 as a reserve for contin-Fision Ownership - Helena B

Industry Efficiency

Capital Hill furnath convincing new evidence from \$314,004 to \$169,504 of the rising vote of efficiency of the aircraft mown passeer plane plant Construction and maintenance of a se-called Diego

"yurdstack" plant to act as a check on the in-Testamony before the House Appropriations

Committee ducloses not only a substantial recomplished by navel avastion contractors, but a the post yearcontinuing higher out for planes built by the

Increased efficiency by the industry is shown against this year's average of \$170,373 A further facal year. These reductions represent a money ing the trend toward heavier, larger naval planes.

Individual examples of usua price construct in a two-year period include reduction of the Greensing. It is now \$163,460. The Curting Hell-force in

that production of a Cetalina new costs \$50,000 here a turned out by Constitutated Volter at Sen-

The "vard-tack" plant's price as \$297,606, or 17 600 on this one model alone. The Catsisse, of

It is true that the naval plant probably protenth the number delowered by Convair. The small output would tend to keep production costs harber. But reliable assumes also duclass that the factory realed among the lewest in pounds of ima schedule. A study of the factory's experience

ratended to encount Those facts reflect cryticism on neither the Navy Department nor the officers directors the plant Rather, they indicate once more the inherent fal-

Constellation Sets Pace

The therecomments non-stop flight of the munifacturer of the world's fastest commercial Constellation at an average coast-to-coast speed transports, the Constellation is an outstanding never previously supresented by a smoble trans- product of American competition. Every attenual north previously approximate event of the year in commander to the rubbs that the sixtimes of the United will be not only to rise the standards of com-States are preparing the world's fixest on service, points succeed, but to bring other, never trans-

ports into being. The or transport undustry and Developed by Howard Hughes, Jack Frve, and the traveling public of the future will now much other TWA executives, and built by the rivescer to the Constellation's realous.



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* A Sikorsky XR-4 bovering motionless over East Hartford, Connecticut. This first belicopter to be delivered to the Army Air Forces is equipped with six Timken Bearings in the Main Rotor Blade, two in the Tail Rotor Gear Box, and six in the wheel. To meet the need of aircraft engineers for an anti-friction bearing—lighter in weight—of compact design—with maximum radial and thrust load carrying capacity—Timken engineers have developed a new series of tapered roller bearings.

Already, these bearings have contributed to the fine performance of Sikorsky helicopters...while giving them all the other advantages of Timken Bearing design for aircraft applications: assured smoothness of operation...ease of handling...power conservation and endurance...economical maintenance.

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